

(NY-5160)

Television Technique in Astronomy, by Nikolai F.
Koprovich, 73 pp.

RUSSIAN, bk, Televisionnaya Tekhnika Astronomii,
1958, pp 3-40.

JPRS 5990

Sci - Electron

Nov 60

131,649

Television Engineering in Astronomy, by N. F. Kuprevich,
3 pp.

RUSSIAN, pamphlet, Televizionnaya Tekhnika v Astronomii
Moscow, 1956, pp 25-27.

FDD/X-3618

Sci - Engin
Jul 59

Some Long-Range Plans for the Development of Television
Engineering in Astronomy, 4 pp.

RUSSIAN, pamphlet, Televizionnaya Tekhnika v Astronomii,
Moscow, 1958, pp 38-40.

FDD/X-3618

Sci - Engin

Jul 59

Telemetric Devices, by M. V. Masimov, 63 pp.
(AF 662955). (MARSHALOV)

RUSSIAN, bk, Telegmometritel'nye Ustroystva, 1951.

CIA 542636

AFIC P-78-8754/III

Scientific - Engineering
Dec 55 CES

42,940

The aerological thunderstorm-tendency
chart, by A. Simila
GERMAN, per, Tellus, Vol 1, 1949,
No 4, pp 18-23
NLL 9022.551 (421 M)

323,898

Sci - Meteorology, Cli
Apr 67

61-22741

Freidlina, R. Kh. and Karapetyan, Sh. A.
TELOMERIZATION AND NEW SYNTHETIC MAT-
RIALS. June 61, 112p.
Order from PP \$4.50

Trans. of mono. Telomerizatsiya i Novye Sinteti-
cheskie Materialy, Moscow, 1959.

DESCRIPTORS: *Polymerization, *Synthetic fibers,
*Plastics, Materials, Synthesis, Polymers

- I. Title: Enath
I. Freidlina, R. K.
II. Karapetyan, S. A.
III. Pergamon Press, Inc.,
New York

17774.5

Office of Technical Services

(Chemistry--Organic, TT, v. 6, no. 4)

Telomerization and New Synthetic Materials,
by R. Kh. Freydlina, Sh. A. Karapetyan, 81 pp.
FOR OFFICIAL USE ONLY
RUSSIAN, bk, Telomerizatsiya i Novyye Sinteticheskiye
Materialy, Moscow, 1961, pp 1-102. 9696963
PSTC 381-T64-172

Sci - Phys
Jun 65

279,650

Thematic Plan of Publications of the State
Publishing House of Literature in the Field of Atomic
Science and Technology for the Year 1962, 69 pp.

RUSSIAN, bk, Tematicheski Plan Izdani
Gosudarstvennogo Izdatel'stva Literatury v Oblasti
Atomnoi Nauki i Tekhniki po 1962 God, 63 pp.

AEC-tr 5243

Sci - Nuc Phys

Jan 63

118, 830

List 74

Subject Plan of the Publishing House of the Academy
of Sciences of the USSR for 1963, 131 pp.

RUSSIAN, bk, Tematicheskiy Plan 1963 izdatelstva
Akademicheskoy Biblioteki, Moscow, 1962, pp 92-107, 122-146,
242-267, 287-293.

ACIC-TC-625
CTB TT-64-1336

246, 185

Sci - Misc
Jan 64

TEMATICHESKIY PLAN, AN SSSR
(Publishing Plan of the Academy
of Sciences, USSR - annual)
Listing in English, by subject matter,
of scientific and technical books and
symposia scheduled for publication dur-
ing the calendar year by the Soviet Aca-
demy of Sciences and its Siberian Division
Translation begins with 1962
Lag time: 4 months
Order from: Scientific Information
Consultants, Ltd.,
661 Finchley Road,
London N.W.2
1970/71: £ 10.50/year U.K.

Temperature Radiation of Metals and Some
Other Substances, by D. Ya. Svet.

RUSSIAN, bk, Temperaturnoe izluchenie
metallov i nekotorykh veshchestv.

*CB
1st quarter of 1966

May 65

The Temperature Regime of Soils, by A. M. Shul'gin.
RUSSIAN, bk, Temperaturnyi Rezhim Pochvy, 1957.
pp 218.
CFSTI-TT-65-50083

USSR
Sci/Earth Sci
Jul 65

282,410

Utilization of Organic Fossils in Order to
Increase the Yield of Agricultural Crops,
by D. M. Guseynov, 27 pp.
RUSSIAN, rept, 10 Let Akademii Nauk Azerbayd-
zhanskoy SSR, Nauchnaya Sessiya 23-27 Aprelya
1955, 23-27 Apr 1955, Baku, 1957.
JPRS 25400

Sci - Agri; B & M
Jul 64

263,259

Ten Years of the World's First Atomic Electric
Power Station in the USSR, 184 pp, *V. S. Koryakov.*
RUSSIAN, bk. 10 let Pervoy v Mire Atomnoy
Elektrostantsii SSR, Moscow, 1964, pp 3-138.
JPRS 26808

Sci - NS & Tech
Oct 64

267,967

Taeniata of Animals and Man and Diseases Caused
by Them, by K. I. Abuladze, 549 pp.
RUSSIAN, bk, Teniaty - Lentochnye Gel'minty
Zhivotnykh i Cheloveka i Vyzyvayemye Imi
Zabolevaniya, 1964.
NTIS TT 70-55039

Sci/B&M
Nov 70

Thermophysical Properties of Materials, by
V. S. Chirkin.

RUSSIAN, bk, Teorofizicheskiye Svoystva Materialov,
Spravochnoye Rukovodstvo, 1959, pp 6-10, 172-248,
248-346. 9661796

ATIC MCL 705/1+2

Sci - Min/Met

Jun 61

157,403

Theorems and Problems of Markov Processes, by
E. B. Dynkin and A. A. Yushkevich,
RUSSIAN, bk, Teoremy i Zadachi i Protessakh
Markova, Nauka Press.

*CB

Sci-Math
Jul 66

Theoretical Astrophysics, by V. A. Ambartsumyan, ed
RUSSIAN, bk, Teoreticheskaya Astrofizika.

Pergamon Press, Ltd.

Sci - Physics
Oct 59

98,709

The Scattering of Light in Planetary Atmospheres,
by V. A. Ambartsumian, 26 pp.

RUSSIAN, bk. Teoreticheskaya i Astrofizika, Ser 33,
1952. CIA V 6946

Rand Corp
T-63

Sci - Astronomy, Physics

37,881

Aug 1956

II. Dynamics of [Nova and Supernova] Shells, by
V. A. Ambartsumian.

RUSSIAN, bk, Teoreticheskaya Astrofizika, Moscow,
1952, Section 27, part 2, pp 470-471.

Def Sci Info Sv
DRB T.163.R

Scientific - Astronomy

Feb 55 CTS/DEX

81,187

Theoretical Forest Biogeophysics, by G. F. Khil'mi,
135 pp.

RUSSIAN, bk, Teoreticheskaya Biogeofizika Lesa, ~~Moscow~~
1957, 205 pp.

~~XXXXXXXXXX~~

OTS 61-31089

PL-480

Foreign Sv.

Sci

Biol

Jan 65

PST 698

218,799

Kompaneets, A. S.
THEORETICAL PHYSICS. 1964, 592p.
Order from Stechert-Hafner Service Agency Inc., 31 East
10th St., New York 3 \$9.25, cloth bound \$10.00

Trans. of mono. [Teoreticheskaia Fizika, 2d ed.,
Moscow, 1957, 563p].

(Physics--Theoretical, TT, v. 1., no. 7)

TT-64-2755

- I. Kompaneets, A. S.
- II. Noordhoff (P.) Ltd.,
Groningen (Netherlands)

Office of Technical Services

Theoretical Physics, by Aleksandr Solomonovich
Kompaneys, 792 pp.

RUSSIAN, bk, Teoreticheskaya Fizika, Moscow,
1961.

Foreign Lang Pul House

QC 21

.K6 1977 B 5

Sci Phys
11 Jun 62

Comparison of Formulas for Lift Used by the
American and German Schools.
RUSSIAN, bk, Teoreticheskaya i Prikladnaya
Mekhanika, Sbornik Statey, Moscow, Vol II,
1962, pp 100, 101.
*FTD-TT-64-777

Sci-Engr
Jul 64

Theoretical Hydromechanics, by N. E. Kochin, I. A.
Kibel, N. V. Rozs, 142 pp.

check
RUSSIAN, bk, Teoret Gidromekhanika, 1948, FDB 506227.

AMC F-ES-7462

Scientific - Geophysics

Theoretical Studies in Nuclear Geophysics
in the USSR.

RUSSIAN, rpt, Teoreticheskie Issledovaniya
v Oblasti Yadernoi Geofiziki v SSSR.

SM-68/59.

*REC ORNL-Tr-1096

Sci=N. Sci
Feb 66

63-22657

Fomin, L. M.
THEORY AND APPLICATION OF THE DYNAMIC
METHOD IN OCEANOGRAPHY. 1963, 220p
Order from Scripta Technica, Inc., 1000 Vermont
Ave., N. W., Washington, 5, D. C.

Trans. of mono. [Teoreticheskie Osnovy Dinami-
cheskogo Metoda i Ego Primenenie v Okeanologii],
Moscow, 1961].

DESCRIPTORS: *Oceanology, *Ocean currents,
*Hydrographic surveying.

(Earth Sciences--Oceanography, TT, v. 10, no. 12)

I. Fomin, L. M.
II. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Theoretical Principles of Phototelegraphy, by Ye.
L. Orlovskiy, 968 pp.

RUSSIAN, bk, Teoreticheskiye Osnovy Fototelegrofirovaniya,
1957, 702 pp. 654 633-V

ATIC MCL-498/V

Sci - Phys
Jun 60

118,604

J-029/63

Theoretical Bases of the Unified State System of
~~SS~~ Stenography, by N. N. Sokolov. (SF-2078) 5⁹/₄ pp.

RUSSIAN, mono, Moscow, 1949, pp 17-39; 184-189.

[Signature]
*SPRS/Special

8 USSR
~~SS~~ Soc

May 63

*Teoreticheskiye Osnovy Shkolskoy
Yedinyy Sistem Stenografii*

Theoretical Hydromechanics, by N. YE. Kochin.

RUSSIAN, bk, Teoreticheskiye Gidromekhanika, Vol I,
II, Moscow, 1955.

*Interscience Publishers

OTM Vol V, No 5

Theoretical Principles of Isotope Methods for
Investigating Chemical Reactions, by S. Z.
Roginskiy, 456 pp.

RUSSIAN, bk, Teoreticheskiye Osnovy Izotopnykh
Metodov Izucheniya Khimicheskikh, Moscow, 1956.

AEC Tr 2873

51,828

Sci - Chemistry
Aug 57

Theoretical Bases of Chemical Heat Treatment of
Steel, by A. A. Popov, 140 pp.
RUSSIAN, bk, Teoreticheskiye Osnovy Khimiko-
Termicheskoy Obrabotki Stali, Sverdlovsk, 1962, 120 pp.
JPRS 25521

Sci - M/M
Aug 64

264,713

by V. N. Kudryavtsev,
Logical Forms of Crime Classification, 21 pp.
RUSSIAN, bk, Teoreticheskiye Osnovy Kvalifi-
katsii Prestupleniy, Moscow, 1963, pp 139-160.
JPRS 243111

USSR
Soc
Jun 64

261,995

S-329/64

Theoretical Basis of Magnetometric Method for Investigation of Earth Troughs and Geomagnetic Measurements, by B. M. Yanovskiy.

RUSSIAN, bk, Teoreticheskiy Osnovy Magnitometricheskogo Metoda Issledovaniya Zemnoy Kory i Geomagnetnyye Izmereniya, Leningrad, 1963, pp 458-461. (Table of Contents)

*JPRS/SPECIAL/DC-10377

Sci - Mar Sci

Theoretical Bases of the Method of Potential Functions
in the Problem About Instruction of Automatic
Machines About Separation of Entrance Situations by
Classes, by M. A. Ayzerman, E. M. Braverman, 33 pp.
POST EDITED

RUSSIAN, bk, Teoreticheskiye Osnovy Metoda Potentsial'-
nykh Funktsiy v Zadache ob Obuchenii Avtomatov
Razdeleniyu Vylkhodnykh Situatskiy na Klassy, Moscow,
1963, pp 1-46. 9695353

Sci - Math
Dec 64

FTD-MT-64-255
GOV'T USE ONLY

269,677

Theoretical Bases for the Design of Liquid-
Fueled Rocket Engines, by M. I. Shevel'yuk,
952 pp.

RUSSIAN, bk, Teoreticheskiye Osnovy
Proyektirovaniya Zhidkostnykh Raketykh
Dvigateley, 1960, 684 pp. 9676309-V

FTD MCL-1358/1

Sci - Phys, Engr

191, 533

18 Apr 62

Theoretical Fundamentals of Radar, by
V. Ye. Dulevich, A. A. Korostelev, 962 pp.
RUSSIAN, bk, Teoreticheskiye Osnovy Radiolokatsii,
1964, pp 1-732. P100193868-V
FTD-HT-67-192

Sci/Navi, Comm, Det & C⁴
Sept 68

365,006

The Relay Protection of High-Voltage Networks,
by G. I. Atabekov, 342 pp.

RUSSIAN, bk, Teoreticheskie osnovy releinoi zashchity
vysokovol'tnykh setei, Gosenergoizdat, 1957.

*Pergamon Institutes

~~Mark~~
May 59

Theoretical Fundamentals of Communication
and Control, by A. A. Fel'dbaum and A. D.
Dudykin, 1165 pp.
RUSSIAN, bk, Teoreticheskiye Osnovy Svyazi i
Upravleniya, 1963, pp 1-932.
P100116068-V
FTD-HT-67-191

Sci-Mechanical Engr.
July 63

350,869

Theoretical Bases for the Technology and
Processes Involved in the Manufacture of
Aircraft Components, by I. Ya. Zernov,
L. A. Konorov, 789 pp.

RUSSIAN, bk, Teoreticheskiye Osnovy
Tekhnologii i Protssesy Izgotovleniya
Detal'ey Samoletov, 1960, 633 pp.
9664310-V

FED MCL-1336/1

Sci - Aero
2 Mar 62

186.271

RUSSIAN

Completed

1605/70

Sci-Engineering Military Naval Weapons
by G. M. Podobriy, V.S. Beloborodny et al
Tekhnicheskiye Osnovy Torpednogo Oruzhiya
(chap 2-pp 55-67; Bibliography - pp 354-355;
Table of Content - pp 356 - 357)

Include formulas, tables & diagrams.
Requester will forward better copies of pp 56, 59, 63,
66 and 67 ASAP.

Special

No time limit.

Spontaneous Tumors in Lower Catarrhine
Monkeys According to the Data of the Monkey
Breeding Station of the Sukhumi Medico-
Biological Station, by A. V. Vadova, V. I.
Gal'shteyn, 24 pp.

RUSSIAN, monograph, Teoretichaskiye i Praktiche-
skiye Voprosy Meditsiny i Biologii v Eksperi-
mente na Obez'yanakh, Moscow, 1956, pp 107-122.

SLA 60-23698

Sci

May 62

Vol 4, No 10

193, 781

Clinical Manifestations of Experimental Mon-
cles in Monkeys, by Ye. V. Smirnova,
d. Ye. Ivanovskaya, 8 pp.

MS 6000, mono, Teoret. i prakt.
Meditsy i biologii v. Zvezda na
Groz'nykh, 1956, pp 179-182.

SLA 60-23699

STC 10-1000

197, 956

Vol IV. No 11
May 60

Theoretical and Practical Problems of Medicine
and Biology in Experiments With Monkeys, by
A. A. Utkin.
I. A.

RUSSIAN, bk, Teoreticheskie i Prakticheskiy
Problemy Meditsiny i Biologii v Eksperimente
na Obez'ianakh, Moscow, 1956, 198 pp.

Pergamon Inst

Sci - Med

Apr 59

83,854

Seasonal Aspects of Infectious Diseases and Their
Causes, by S. V. Guslits, 10 pp.

RUSSIAN, mono, Teoreticheskiye Problemy Epidemi-
ologii, Kiev, 1959, pp 112-121.

JPRS 48151

Sci-B and M
June 69

383,720

Physical Conditions of the Formation of the
Seacoast Ore Fields, by A. A. Aksenov, 12 pp.
RUSSIAN, bk, Teoreticheskiye Voprosy Dinamiki
Morskikh Beragov, Moscow, 1964, pp 92-102.
NAV/NOO/Tran-429-70

Sci/Ear Sci
June 70

Accumulation of Heavy Minerals in Recent Coastal
Deposits, by V. N. Ul'st, 8 pp.

RUSSIAN, bk, Teoreticheskiye Voprosy Dinamiki
Morskikh Beregov, Moscow, 1964, pp 115-121.

NAV/NOO/Tran-430-70

Sci/Ear Sci
June 70

Physiographical Conditions of the Formation of the
Seacoast Ore Fields, by A. A. Aksenov.

RUSSIAN, bk, Teoreticheskiye Voprosy Dinamiki
Morskikh Beregov, 1964, pp 92-102.

*Dept of Navy N00 tr 429

Sci/Ear Sci & Ocean
Sep 68

Accumulation of Heavy Minerals in Recent Coastal
Deposits, by V. N. Ul'st.

RUSSIAN, bk, Teoreticheskiye Voprosy Dinamiki
Morskikh Beregov, 1964, pp 115-121.

*Dept of Navy H60 tr 430

Sci/Ear Sci & Ocean
Sep 68

The Theory of Analytic Functions, by A. I.
Markushevich.

RUSSIAN, monograph, Teoriya Analiticheskikh Funktsii,
1950, 703 pp.

*Prentice-Hall, Inc.

Sci

24 Mar 62

Vol VII, No 2

Theory of Anisotropic Shells, by S. A. Ambartsumyan,
395 pp.

RUSSIAN, ~~prbk~~, Teoriya Anizotropnykh Obolochek,
Moscow, 1961, 384 pp. 9221380-V

NASA TT F-118

Sci - Phys
Jun 64

261,406

Theory of the Atomic Nucleus, by A. S. Davydov,

RUSSIAN, mono, Teoriya Atomnogo Yadra, 1956, XI
PP 1 -611.

*Prentice Hall

Sci - Nuc Phys
Sep 61

Vol III, No 12

Theory of Aircraft Engines. Atomic Aviation
Engines, by Ya. Yu. Modorskiy, Ye. V.
Rovinskiy.

RUSSIAN, bk, Teoriya Aviatsonnyky Dvigatelye,
Moscow, 1960, pp 29-32. 9670167

ATIC MCL-932/1

Sci - Aero

Jul 61

159,683

The Theory of Aviation Gyroscopic Instruments,
by A. S. Kozlov, 384 pp. (AF 1006501)

RUSSIAN, bk, Teoriya Aviatsionnykh Giroakopicheskikh
Priborov, Moscow, 1956, 256 pp.

ATIC F-TS-9174/V

Sci - Aero

57,880

Jan 56

(NY-6770)

Theory of Automatic Control Based on
Frequency Methods, by N. T. Kuzovkov,
920 pp.

RUSSIAN, bk, Teoriya Avtomaticheskogo
Regulirovaniya, Osnovannaya na Chastotnykh
Metodakh, 1960, pp 1-446.

JPRS 13041

Sci - Electron

189,386

Apr 62

Theory of Automatic Control and Adjustment, by
A. A. Ivanov, 293 pp.
RUSSIAN, bk. Teoriya Avtomaticheskogo Upravleniya
i Regulirovaniya, 1964, pp 1-331. P100005968-V
FID-MD-65-633

Sol-Elec
Feb 68

349,032

Automatic Flight Control Theory, by V. A. Bodner,
772 pp.

RUSSIAN, bk, Teoriya Avtomaticheskogo Uprav-
leniya Poletom, 1964, pp 1-698.
JPRS 29007

Sci-Engr, Aerospace
Mar 65

276,114

Theory of Detonation, by Ya. B. Zel'dovich,
A. S. Kompaneys, 338 pp.

RUSSIAN, bk, Teoriya Detonatsii, Moscow, 1955.

Navy Tr 1623/ONI A 858

Sci - Phys

Feb 58

53, 708

~~Theory~~
Theory of the Diffusion of Thermal Neutrons Taking
Account of Velocity Distribution, by M. V. Kazarnovskiy,
P. L. Shapiro, 15 pp.

RUSSIAN, bk, Teoriya Diffuzii Teplovykh Neitronov s
Uchetom Raspredeleniya Skorostei, 1960. 0093000

AEC UCRL Tr-687

Sci - Phys
Dec 61

177,437

Theory of Dislocation in Metals and Its
Application, by I. A. Oding, 154 pp.

RUSSIAN, bk. Teoriya Dislokatsii v Metallakh
i Yeye Primeneniye, Izdatel'stvo Akad Nauk
SSSR, 1955, 83 pp. 9661910

ATIC MCL-624/1.

Sci - Min/Metals

Jul 61

157,516

Polubarinova-Kochina, P. Ya.
THEORY OF GROUND WATER MOVEMENT, tr. by
J. M. Roger de Wiest. Oct 62, 613p. 312 refs.
Order from Princeton U. Press, N. J. \$10.00

Trans. of mono. [Teoriya Dvizheniya Gruntovikh Vod]
Moscow, 1952.

A partial trans. (p. 613-639) is available from OTS or
SLA \$3.60 as 61-20419 [1961] [34]p.

DESCRIPTORS: *Hydrology, Water, Fluid flow, Theory,
*Hydrodynamics, Drainage, Soils, Mechanical properties,
Hydraulic systems, Dams, Hydraulic reservoirs, *Ap-
plied mathematics, Equations of motion, Functional
analysis, Functions, Differential equations, Numerical
methods and procedures, Inertia.

(Mechanics--Hydrodynamics, TT, v. 9, no. 6)

63-12558

I. Polubarinova-Kochina,
P. Ya.
II. Princeton U. Press, N.J.

Office of Technical Services

Polubarinova-Kochina, P. Ya.
THE PLANE OF NON-STEADY FLOW OF GROUND
WATER (Ploskie Neustanovivhiesya Dvizheniya
Gruntovikh Vod). [1961] [34]p. 14 refs.
Order from OTS or SLA \$3.60 61-20419

Trans. of Russian language mono. Teoriya Dvizheniya
Gruntovikh Vod, n. p., n. d., chap. 25, p. 618-639.

DESCRIPTORS: *Hydrology, Water, Fluid flow, Oils,
Hydrodynamics, Numerical analysis, Partial dif-
ferential equations.

Consideration is given to water conditions on a free
surface, the problem of spreading of perturbances
of ground water in a half-plane, the problem of
spreading of perturbation of ground water in a layer
of finite depth, the influx of ground water to drain in
layers at infinite depth, and the problem of shrinkage
of contour of oil content
(Mechanics--Hydrodynamics, TT, v. 7, no. 7)

61-20419

1. Polubarinova-Kochina, P. Ya.

Office of Technical Services

Theory of the Fluid Flow in Undeformable Porous
Media, by V. I. Aravin and S. N. Numerov, 511 p.
RUSSIAN, mono, Teoriya Dvizheniya Zhidkosti i
Gazov v Nedeformiruemoi Poroistoi Srede, 1953.
IPST-2061

Sci-Phys
Jul 66

~~304,488~~
304,488

Theory of Electric Fluctuations and Thermal
Radiation, by S. M. Rytov, 278 pp.

RUSSIAN, bk, Teoriya Elektricheskikh Fluktuatsii
i Teplovogo Izlucheniya, publ by Akad Nauk SSSR
1953, 231 pp.

OTS 60-15944

Sci

Nov 60

132, 311

Theory of Microwave Apparatus, by S. D.
Gvozdover, 527 pp.

RUSSIAN, bk, Teoria elektronnykh priborov
sverkhvysokikh chastot, Gostekhteorizdat, 1956,

*Pergamon Inst

May 59

The Theory of the Figure of the Earth, by
V. V. Brovar, V. Aleksandrovich, 423 pp.
RUSSIAN, bk, Teoriya Figury Zemli, Moscow, 1961,
pp 3-256. 9695497-V
FTD-TT-64-930

Sci - Earth Sci & Astron
Jan 6#5

270,446

The Theory of the Figure of the Earth, by
N. P. Grushinskiy, 349 pp.
RUSSIAN, bk, Teoriya Figury Zemli, 1963, pp 1-446.
AIR/FTD/HT-23-393-68

Sci/Earth
Nov 69

395,972

20

(NY-3932)

Theory of Fluctuating Phenomena in the
Propagation of Waves in a Turbulent Atmosphere,
by V. I. Tatarskiy, 336 pp.

RUSSIAN, bk, Teoriya Fluktuatsionnykh Yavleniy
pri Rasprostraneni Voln v Turbulentnoy
Atmosfere, 1959, pp 3-232.

JPRS 5174

Sci - Geophys

Sep 60

125,256

Theory of Functions of a Real Variable, by
I. P. Hobanson, Vol I and Vol II.

RUSSIAN, bk, 'Teoriya Funktsiy Veshchestvennoy
Peremennoy, Vol I, Chap I-IX, 1955; Vol II,
Chap X-XVI, XVIII, 1957.

Frederick Ungar Publ Co
New York

Vol II

CIA

QA, 331.5

.N3, B5

Jun 61

152, 281

16122

1 Sept 67

From the book: Theory of Genetic Information:
(1) Foreword, (2) Particular Fields of Using the
Genetic Information Theory and Prospects for its
Further Development, (3) Table of Contents, BY
N. Zhukov-Vorobzhnikov.

GENE
RUSSIAN, bk, Teoriya Geneticheskoy Informatsii, 1966,
Moscow, pp (1) 3-6, (2) 291-305, (3) p 291.

RUSSIAN
6R
Sci-bio

Repro
Do not mutilate doc.
Please return source.

2379

Theory of Flexible Curved Plates, by A. S.
Vol'mir

RUSSIAN, Bk, Teoriya Gibkikh Kreybikh Plastinok,
1957. (originally in Chinese, 1953).

*NSF

per Bucans 15 Feb 60

Theory of the Gyroscope and Gyroscopic
Instruments, by V. A. Pavlov, 633 p.
RUSSIAN, bk, Teoriya Girokopa i
Giroskopicheskikh Priborov, 1964, 495 pp.
FTD HT 66-267

Sci-Navigation
Apr 67

323,132

Theory of Gyroscopic Instruments, by B. I. Kudrevich,
395 pp.
RUSSIAN, bk, Teoriya Giroskopicheskikh Priborov,
Vol I, 1963, pp 3-328. 9696135
FTD-TT-63-1100

Sci - Phys
Mar 65

275,653

Theory of Gyroscopic Devices, Pt II, Chapters
7-11, by S. S. Rivkin. 531 pp.
RUSSIAN, bk, Teoriya Giroskopicheskikh Ustroystv,
Chast' II, 1964, pp 1-548.
FTD-HT-65-96

USSR
Sci/Engr
Mar 66

297,266

The Theory of Gyroscopic Devices. Part 1,
(Volume 1 of 2 Volumes), by S. S. Rivkin. 489 pp
RUSSIAN, bk, Teoriya Giroskopicheskikh Ustroystv,
Part 1, 1962, pp 1-257.
AIR/PTD/INT-23-38-68

sci/navigation
Feb 69

376,475

The Theory of Gyroscopic Devices. Part 1,
(Volume 2 of 2 Volumes), by S. S. Rivkin. 489pp
RUSSIAN, bk, Teoriya Girokopticheskikh Ustroystv,
Part 1, 1962, pp 258-507.
AIR/FTD/III-23-38-68

sci/naviagation
100 69

376,483

Theory of Combustion and Detonation of Gases,
by Ya. B. Zel'dovich, 69.

RUSSIAN, bk, Teoriya Goreniya i Detonatsii
Gazov, Moscow, 1944.

AEC Tr 1188

RT-2392

also Brookhaven Nat'l Lab

Air Materiel Command/OT/84

Sci - Chem

Apr 52

A13400

The Application of Group Theory in Physics,
by G. Ya. Lyubarskiy, 354 pp.

RUSSIAN, bk, Teoriya grup i ee primeneniye v
fizike, Gostekhtheoretizdat, 1957.

*P*ergamon Inst

May 59

SLA: 61-12113

Tsytkin, Ya. Z.
SAMPLING SYSTEMS THEORY AND ITS APPLICATION
R. C. Hutchison, tr. 1964, 742p 2v.
Order from MACM \$30.00

Trans. of [Teoriya Impul'snykh Sistem] Moscow,
1958 [724p]

(Physics--Electronics, TT, v. 12, no. 7)

TT-64-22674

I. Tsytkin, Ya. Z.
II. Pergamon Press, Inc.
New York

Office of Technical Services

Realization of Invariance in Non-Linear Tracking Systems
with Variable, by Dr. Z. Litvin-Sedoy.

RUSSIAN, per, Teoriya Invariant v Sistemakh Avtomat.
Upravl, Moscow, 1964, pp 126-134.

*FTD-TT-65-1669

Sci - Phys
Nov 65

Ideas of the Invariance Theory and Inertial
Navigation, by A. Yu. Ishlinskiy, 16 pp.
RUSSIAN, bk, Teoriya Invariantnosti i Sistemakh
Avtomaticheskogo Upravleniya. Trudy Vtorogo
Vsesoyuznogo Soveshchaniya, Sostoyavshchegosya
v Kieve, 29 Maya - 1 Iyunya 1962, 1964, pp 56-
64. P100302467
FTD-MT-67-69

Sci-Space Technology
Dec 67

346,092

2-40-2

H. P. (1000-1)

B167-5-2/T

Day check for info only

Suppression of auto oscillation in Non-Linear Combined
Systems

Petrov, V. A.

Russian name: (Sobremennyye ustroystva i metody
avtomaticheskogo upravleniya), Institut fizmat,
Moscow, 1971, 400-404

FID 100-24-102-01

Questions on the Development of Universal
Balancing Equipment, by L. N. Ozerov, 21 pp.
RUSSIAN, per, Teoriya i Konstruktsiya
Balansirovochnykh Mashin, 1963, pp 328-342.
P100373467
FTD-MT-24-98-67

Sci/Meth & Equip
Jan 68

348,350

Theory of Vibrations, by I. M. Babakov, 731 pp.
RUSSIAN, bk, Teoriya Kolebaniy, Moscow, 1958,
pp 3-628. 9693030-V
FTD-TT-63-728

Sci - Engr
Jul 64

262,376

Theory of Oscillation, by A. A. Andronov, et al.

RUSSIAN, monograph, Teoriya Koblebani, 1959.

*PP

Theory of Finite Fermi Systems and the Properties
of Nuclei, by A. B. Migdal.

RUSSIAN, mono, Teoriya Konechnykh Fermisistem i
Svoistva Yader, Moscow, 1965, 272 pp.

*CB (Available after 4th
quarter of 1965.)

Sci
Nov 64

Problems in the Development of a Universal
Balancing Machine, by L. N. Ozerov.

RUSSIAN, coll. Teoriya i Konstruktsiya Balansirovochn-
ykh Mashin. Moscow, 1963, pp 328-342.

FTD-MP-24-98-67

Sci - Tech Eng

Aug. 67

Theory of Corrosion and Protection of
Metals, by N. D. Tomashov, 29 pp.

RUSSIAN, bk, Teoriya Korozii i Zashchity
Metallor, pp 535-542; 555-556; 563-566;
571-572. 9670560

~~SP~~
FTD-MCL-713/1

Sci. - Min/Metal

164,367

Aug 61

Int. Min. P. 164,367
Aug 61. 00-166V

Theory of Crystalline Field and Optical Spectra
Impurity Ions With an Unfilled Shell, by

G. V. Vansovskiy.

RUSSIAN, bk, Teoriya Kristallicheskogo Polya i
Opticheskie Spektry Primesnykh Ionov s Neza-
polnennoi Obolochkoi, Nauka.

PLENUM PRESS

Sci/Physics

Aug 67

336,636

Theory of Linear Electrical Circuits, by G. I.
Atabekov.

RUSSIAN, mono, Teoriya Lineynykh Elektricheskikh
Tsepey, Moscow, 1960.

*Pergamon per OTS

Sci
Mar 61

Theory of Linear Pulse Systems,
by Ya. Z. Tsypkin. 1037 pp.
RUSSIAN, bk, Teoriya Lineynykh
Impul'snykh Sistem, 1963, pp 1-968.
FTD-MT-64-133

Sci-Phys
Jan 67

317, 517

Akhiezer, Naum Il'ich and Glazman, I. M.
THEORY OF LINEAR OPERATORS IN HILBERT
SPACE, VOL. 2, tr. by Merlynd Nestell. 1963, 218p.
Order from Frederick Ungar Publishing Co., 131 E.
23d St., New York 10, N. Y. \$7.50

Trans. of mono. [Teoriya Lineinykh Operatorov v
Gil'bertovom Prostranstve, Moscow/Leningrad, 1950]
chap. 6 to appendix 2.

DESCRIPTORS: *Operators (Mathematics), Functional
analysis

(Mathematics, TT, v. 9, no. 12)

63-17245

1. Title: Hilbert space
- I. Akhiezer, N. I.
- II. Glazman, I. M.
- III. Ungar, Frederick,
Publishing Co.,
New York

Office of Technical Services

TRI 62-61

~~Teoriya Magnitno-Zukhovego Resenanso v Plazme,~~
by D. A. Frank-Kamenetskiy.

RUSSIAN, Conference on Plasma Physics and Controlled
Nuclear Fusion Research, Salzburg, Sep 4-9, 1961.
IAEA CN-62/67

*JPRS for AEC

131 - Nuc Phys
Oct 61

Electronic Simulation of Dynamic Processes in
Hydraulic Mechanisms, by S. N. Kozhevnikov,
A. V. Prazdnikov.
RUSSIAN, per, Teoriya Mashin i Mekhanizmov,
No 96-97, 1963, pp 19-27.
*Navy/APL J361

Sci - Electron
May 64

Applications of the Theory of Matrices, by Felix *R.*
Gantmacher, 317 p.

RUSSIAN, mono, partial trans, with revisions
(second part) of Russian mono Teoriya Matrits, 1954.

IP \$9.00

Sci
Mar 60
Vol 2, No 11

TT-64-16009

Artobolevskii, I. I.

HYPERBOLOGRAPH MECHANISMS [AND] PARABOLO-

GRAPH MECHANISMS. [1964] 46p 10refs

Order from OTS, SLA, or ETC \$4.60 TT-64-16009

Trans. of mono. Teoriya Mekhanizmov dlya Vosproi-
zvedeniya Ploskikh Krivyykh (Theory of Mechanisms for
the Reproduction of Plane Curves) Moscow [1959]
p. 114-137.

I. Artobolevskii, I. I.
II. Title: Parabolograph ...
III. Title: Theory ...

(Engineering, TT, v. 12, no. 1)

Office of Technical Services